



# SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

43

SUBJECT: TS-520S -6V DC SUPPLY FAILURE

DATE 8/9/79

When troubleshooting a TS-520S, check all power supply voltages, including the -6V DC supply. Symptoms such as dead, blown 2A DC fuse and now dead, low RX, no TX, or similar may occur after switching between 80 & 40M.

Cause of failure may be traced to an intermittent shorting between the 14V DC & -6V DC supplies as the Band Switch is rotated between 40 & 80 M. This will weaken or destroy D8, 6V Zener on the FIX CH AVR unit. To prevent repeat failure, break the WHITE lead & install a 22K ohm  $\frac{1}{2}$ W resistor at the Bandswitch S5-6, between the -6V supply line and switch terminal. And of course replace D8 on the FIX CH AVR unit, X43-1100-00.

New Part 22k ohm  $\frac{1}{2}$ W

Please notate your Service Manual.

JEB/yn

